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NPIC/R-1030/62 July 1962

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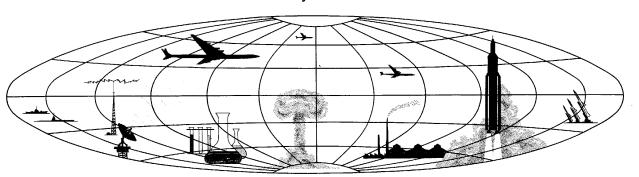
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PHOTOGRAPHIC INTERPRETATION REPORT

## MISSION COVERAGE INDEX



**Declass Review by NIMA / DoD** 

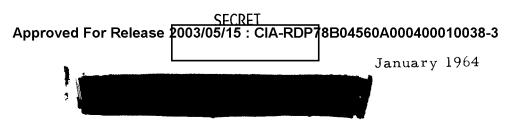


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Approved For Release 2003/05/18 CGA-RDP78B04560A000400010038-3

### WARNING

This material contains information affecting the National Defense of the United States within the meaning of the espionage laws, Title 18, USC, Secs. 793 and 794, the transmission or revelation of which in any manner to an unauthorized person is prohibited by law.



# NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

ERRATUM FOR NPIC/R-1030/62

In the MCI on Mission 112, 16 June 1962, change the report on Liao-yuan North Airfield (page 20) to read:

8,060 X 265 ft concrete runway, serviceable. (instead of 11,200 X 265 ft concrete runway, serviceable.)

25X1C

Approved For Release 2003/05/15 : CIA-RDP78B04560A000400010038-3

PHOTOGRAPHIC INTERPRETATION REPORT

MISSION COVERAGE INDEX

MISSION 112

16 JUNE 1962

NPIC/R-1030/62

July 1962

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

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NPIC/R-1030/62

#### PREFACE

This Mission Coverage Index (MCI) furnishes a listing of intelligence targets The listing provides the latest 112. covered by CHURCH DOOR Mission description based on photographic interpretation for each target covered by the mission except for those targets in which no significant change was noted. Items in the listing are arranged by (1) country, (2) WAC area within the country, and (3) coordinates reading from south to north and from west to east. An explanation of column headings and photo reference data used in presenting the information is contained in the appendix.

For convenience of the user, a subject index to the intelligence targets has been included following the listing. Targets in the subject index are listed (1) by category, (2) alphabetically by country within the category, and (3) alphabetically by place name within the country.

The user of this MCI is cautioned that the scan of photography from Mission 112 was accomplished in a relatively short time and often without the aid of precise analytical and mensural equipment commonly employed in detailed photo-Consequently, although the information presented herein is graphic analysis. essentially accurate, future detailed analysis may somewhat alter portions of the information.

112, accomplished on 16 June 1962, covered a large portion of Mission northeast China and included the cities of Port Arthur, Fu-shun, Harbin and Tsingtao. A small portion of the Korean western coastal region was covered also. See accompanying flight trace for approximate track.

- iii -

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NPIC/R-1030/62

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Listing of Intelligence Items for:

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- V -

Approved For Release 2003/05/15: CIA-RDP78B04560A000400010038-3 **SECRET** NPIC/R-1030/62 <sup>1</sup> 25X1 Installation Numbers City, Installation Coordinates WAC -CHINA-25X1D KU-TIEN-TZU AIRFIELD 44Ø1N 12623E Ø283 46 1.5 NM NE OF KU-TIEN-TZU RAILROAD STATION, 11 NM NW OF CHI-LIN. APPROXIMATELY 6,400 X 200 FT NE/SW PROBABLE CONCRETE RUNWAY. PARALLEL LOOP TAXIWAY, 2 LINK TAXIWAYS, 2 ALERT APRONS, 2 PARKING APRONS, 30 REVETTED HARDSTANDS, 2 SMALL HANGARS. STORAGE, ADMINISTRATIVE, AND HOUSING AREAS LOCATED SE OF RUNWAY. AN AIR-CRAFT MAINTENANCE AND REPAIR PLANT IS LOCATED IMMEDIATELY SE OF NE END OF RUNWAY. PLANT CONSISTS OF POWER HOUSE, 2 FABRICATION-TYPE BUILDINGS, 2 HANGARS, 10 ASSOCIATED BUILDINGS AND NUMEROUS SMALL SHEDS. AIRCRAFT -- 39 FAGOT/FRESCO, 3 BEAGLE. 25X1D ERH-TAO-HO-TZU, MINING ACTIVITY 4417N 12648E Ø283 115 COAL MINING CENTER WITH LOADING FACILITIES FOR TRANSFER FROM TRUCK TO RAIL. 25X1D TE-HUI AREA, POSSIBLE AIRFIELD U/C 444ØN 126ØØE Ø283 113 17 NM NE OF TE-HUI. RUNWAY AT LEAST 8,000 FT LONG. PROBABLE ORIENTATION NW/SE.

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City, installation	Coarzinares	AAC	linsto Lati:	
			<u>.</u> ≟E	NP.C
LA-LIN AREA, AIRFIELD U/C IMMEDIATELY NW OF LA-LIN AIRFIELD.	4514N 12653E	0283		47-4
8,400 X 200 FT NNW/SSE RUNWAY, UNSERVICEABLE, UNDER CONSTRUCTION.			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
AIRCRAFT NONE.				
SHUANG-CHENG AIRFIELD  3 NM NORTH OF SHUANG-CHENG.	4524N 12618E	Ø283		6Ø
3,500 X 350 FT NE/SW CONCRETE RUNWAY, SERVICEABLE. 2 TAXIWAYS LEADING TO PARKING			ļ	
APRON AND OPERATIONS AREA. OPERATIONS AREA		1		
CONSISTS OF CONTROL TOWER, 2 HANGARS, AND APPROXIMATELY 20 SUPPORT BUILDINGS.		į		
ONE REVETTED AMMUNITION STORAGE BUILDING WEST OF SOUTH END OF RUNWAY. RAIL—SERVED SECURED		d		
TRANSSHIPMENT AREA ONE NM SW OF CENTER OF RUNWAY WITH RAIL SPUR LEADING TO AMMUNITION				
STORAGE AREA FROM THE MAIN RAIL LINE BETWEEN CHANG-CHUN AND HARBIN.	and the second s		1	
AIRCRAFT NONE.				
			Market 177 (F) Tables	
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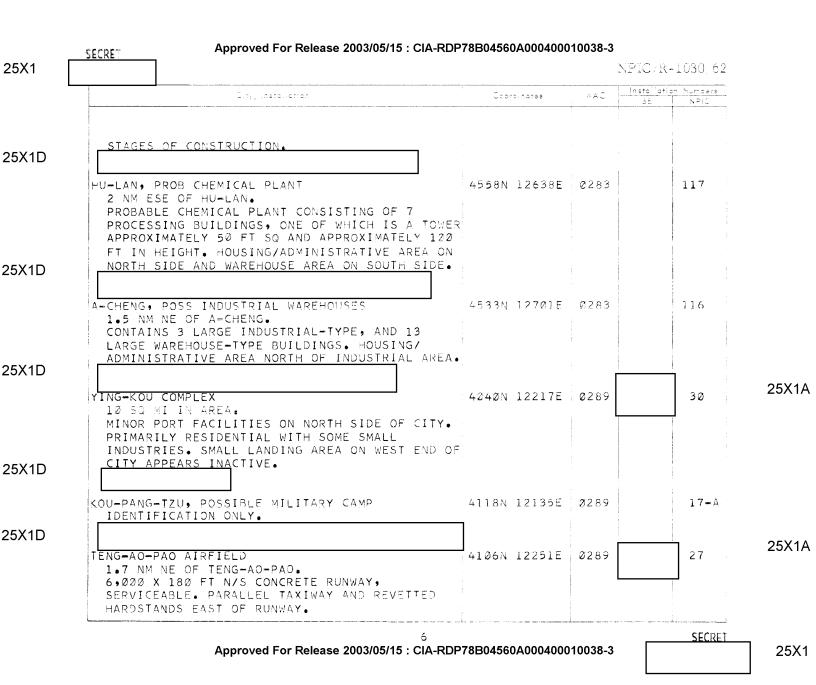
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	City, Installation	Coordinates	WAC	Installatio BE	n Numbers NPIC	
	PING-FANG AIRFIELD  9 NM SOUTH OF HARBIN.  5,500 X 200 FT E/W CONCRETE RUNWAY, SERVICEABLE. HELICOPTER AND PISTON ENGI AIRCRAFT ASSEMBLY PLANT ADJACENT TO TAX ON SOUTH. BARRACKS AND TRAINING AREA. A LARGE SECTION OF THE AIRCRAFT PLANT (PR FABRICATION) LOCATED ONE NM NORTH OF RU AIRCRAFT TOTAL OF 9 INCLUDING ONE	IWAY NOTHER OBABLY NWAY•	Ø283		55	25X1
25X1D 25X1D	BEAGLE, ONE COLT, 3 HOUND, AND 4 UNIDEN SINGLE-ENGINE PISTON AIRCRAFT.  HARBIN AREA, BARRACKS AREA APPROXIMATELY 7 NM SE OF HARBIN. 3 MILITARY BARRACKS AREAS CONSISTING OF APPROXIMATELY 60 BUILDINGS IN EACH AREA BARRACKS AREAS ARE APPROXIMATELY ONE NM OF SUN-CHIA-TUN AIRFIELD.	4538N 12644E	Ø283		42 <b>-</b> J	
25X1D	WANG-KANG AIRFIELD  5 NM SW OF HARBIN.  APPROXIMATELY 5,000 X 5,000 FT SOD LAND AREA, SERVICEABLE. SMALL SUPPORT AREA A AMMUNITION STORAGE ON SOUTH SIDE OF FIE AIRCRAFT 13 BAT.	ND	Ø283		58	25X
	HARBIN AREA, RAILROAD U/C  5 NM SOUTH OF HARBIN.  CONNECTING RAIL LINE BETWEEN HARBIN TO CHUN AND HARBIN TO CHI-LIN (45-40N 126- RAIL LINES.	454ØN 12633E CHANG- 39E)	Ø283		42-K	

		NPI	C, R-1030, 6.
Diry, Installation	Coordinates		tallation Numbers 3E NPIC
SUN-CHIA-TUN AIRFIELD  3.5 NM SOUTH OF THE OLD CITY OF HARBIN. 6.000 X 6.000 FT SOD LANDING FIELD, ONE 3.500 X 400 FT NE/SW CONCRETE RUNWAY APPEARS OPERATIONAL, A SECOND CONCRETE RUNWAY IN NAW/ SSE DIRECTION WITH ACCOMPANYING TAXIWAYS AND OPERATIONS AREA HAS BEEN ABANDONED. REVETTED AMMUNITION STORAGE ON EAST SIDE OF ACTIVE OPERATIONS AREA. UNDERGROUND POL STORAGE WEST OF OPERATION AREA. AIRCRAFT 14 BAT.	10 m	2283	64
HARBIN AREA; RADIO STATION  8 NM ESE OF HARBIN.  SECURED AREA CONTAINING TRANSMITTER AND 3 TRANSMITTER ARRAYS WITH STICK MASTS.	4541\ 12648E	2283	42 <b>-</b> G
HARBIN COMPLEX  APPROXIMATELY 36 SQ MI IN AREA•  LARGE, ADMINISTRATIVE, INDUSTRIAL, AND	4545N 12639E	2283	42

25X1 [	SECRET	Approved For Release 2003/05/15 : CIA-RDP	78B04560A0004000		NPIC/R-	1030/62
ŀ		City, Installation	Coordinates	WAC	Installatio BE	n Numbers NPIC
25710	HEAVY A FACILIT AND AMM AREAS, AND SEV	VE RAIL AND PORT FACILITIES. SEVERAL AND NUMEROUS SMALL INDUSTRIAL IES ARE IN AND AROUND COMPLEX. STORAGE MUNITION DEPOTS. EXTENSIVE BARRACKS MILITARY SCHOOLS (ONE WITH JUMP TOWER) PERAL COMMUNICATIONS FACILITIES ARE ALSO THROUGHOUT COMPLEX.			DE.	AFIC
' 25X1D	LOCATED HARBINS STATION SOD LAN FIELD. AND SOU AIRCRAF	RFIELD SE  D BETWEEN THE OLD AND NEW CITIES OF  2.4 NM SE OF HARBIN CENTRAL RAILROAD  NOTIONAL PROPERTY OF AIRCRAFT REVETMENTS ON NORTH, EAST,  OTH SIDES OF FIELD.  TT ONE CAB, 3 BAT, 3 PROBABLE BAT,  6 UNIDENTIFIED S/E, AND 3	4545N 12641E	Ø283		42-A
25X1D		IFIED DERELICTS.				
25X1D	5 NM NE RIVER• ONE LAF AND APF BUILDIN	REA, POSS CHEM INDUSTRY E OF HARBIN, ON SOUTH BANK OF SUNGARI RGE PROCESSING BUILDING WITH 3 STACKS, PROXIMATELY 50 SMALLER ASSOCIATED NGS. HOUSING/ADMINISTRATIVE AREA SE	4549N 12643E	Ø283		42 <b>-</b> H
The state of the s	7 NM NO	REA, RAIL LINE U/C DRTH OF HARBIN. TING RAIL LINE BETWEEN HARBIN TO HAI-LU RBIN TO ANG-ANG-CHI RAIL LINES IN FINAL	4552N 12636E N	Ø283		42 <b></b> L

25X1A

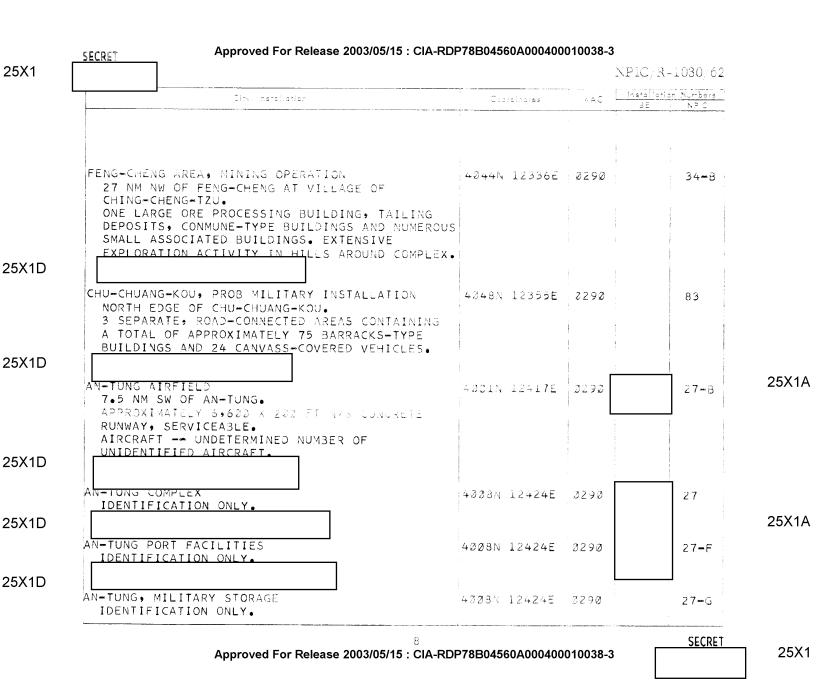
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1	City, Installation	Coordinates	WAC	Installatio BE	n Numbers NPIC
25X1D	AIRCRAFT 45 FARMER; AND 2 FAGOT/FRESCO.  AN-SHAN COMPLEX APPROXIMATELY 25 SQ MI IN AREA. COMPLEX INCLUDES AN ARTILLERY SCHOOL	410 <b>7</b> N 12257E	Ø289		1
25X1D	COMPLEX INCLODES AN ARTICLERY CONTAINING AT LEAST 400 BUILDINGS. VERY LARGE STEEL PLANT OCCUPIES MOST OF THE NW SECTION OF COMPLEX AND A NEW STEEL PLANT WITH 14 BLAST FURNACES IS UNDER CONSTRUCTION AT 41-09N 123-05E. SEVERAL INSTALLATIONS WITHIN THE COMPLEX APPEAR TO BE OF RECENT CONSTRUCTION.	F			
25X1D					
25X1 25X1 25X1D	FENG-CHENG, EXPLOSIVES STORAGE AREA ONE NM NE OF LIN-CHIA-TAI, 17 NM NNW OF FENG-CHENG. AREA CONSISTS OF 30 STORAGE BUILDINGS THIS AREA MAY BE ASSOCIATED WITH PROBABLE MILITARY INSTALLATIONS 4 NM TO NNW.	4043N 12358E	Ø29 <b>Ø</b>		34 <b>-</b> A

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~`` L	City, Installation	Coordinates	WAC	Installation Numbers BE NPIC	
5X1D	FENG-CHENG AIRFIELD EAST 3 NM EAST OF FENG-CHENG. AIRFIELD ABANDONED. APPROXIMATELY	4028N 12409E	Ø29Ø	34	2
5X1D	FT E/W HARD SURFACE RUNWAY APPEARS SERVICEABLE.  AIRCRAFT NONE.  TA-PAO AIRFIELD 5 NM SW OF TA-PAO.	4032N 12413E	Ø29 <b>Ø</b>	59	2
	APPROXIMATELY 6,500 X 200 FT NE/SW RUNWAY, SERVICEABLE. PARALLEL TAXI 21 HARDSTANDS ALONG TAXIWAY, 42 HA IN 2 DISPERSAL AREAS AND 12 HARDST UNDER CONSTRUCTION ON 2 NEW DISPER ALL 4 DISPERSAL AREAS ARE NW OF RULIMITED FACILITIES.  AIRCRAFT 20 PROBABLE FIGHTER-TY	WAY TO NW. RDSTANDS ANDS SAL AREAS. NWAY.			
5X1D	KUAN-TIEN AIRFIELD WEST  APPROXIMATELY 10 NM WSW OF KUAN-TI  6,600 X 200 FT NW/SE CONCRETE RUNW SERVICEABLE. PARALLEL TAXIWAY TO S 4 CROSSOVERS, 2 ALERT APRONS, AND APRONS. 45 HARDSTANDS. BILLETING A ONE NM SW OF AIRFIELD.	AY, W WITH 2 PARKING	0290	42	2
5X1D	AIRCRAFT NONE OBSERVED.				
5X1D	KUAN-TIEN AREA, BARRACKS AREA IDENTIFICATION ONLY.	4Ø43N 12447E	Ø29Ø	79	

Approved For Release 2003/05/15 : CIA-RDP78B04560A000400010038-3  NP1C, R-1030_62				
<u></u>	Cire, installar or	Coordinates	v. A.C	Installation Numbers 6E NPIC
19 NM S AREA CO COMPLEX	REA; MINING ACTIVITY OUTH OF PEN-CHI. INSISTS OF 4 LARGE ORE PROCESSING RES AND NUMEROUS COMMUNES; AND COVERS OF APPROXIMATELY 6 SQ MI.	4102N 12345E	Ø29@	51 <b>-</b> C
LIAO-YANG 4 NM WE 7,202 X SERVICE AIRCRAF	WEST AIRFIELD ST OF LIAO-YANG. 260 FT NE/SW PROBABLE CONCRETE RUNWAY ABLE. ONE HANGAR, 2 POL STORAGE AREAS. T 57 FAGOT/FRESCO, AND 2 IFIED SINGLE ENGINE PISTON AIRCRAFT.		. 2292	46 <b>-</b> B
INDUSTR SEVERAL EXTENSI FIELD A	COMPLEX MATELY 40 SQ MI IN AREA. IAL/RESIDENTIAL COMPLEX CONTAINING INDUSTRIES, NUMEROUS STORAGE AREAD, VE RAIL FACILITIES, AND LARGE ARSENAL. RTILLERY UNIT (REGIMENTAL SIZE) LOCATE MATELY 2 NM SW OF LIAO-YANG.		32 <b>9</b> 0	46
SMOKE E PREVENT CONTAIN LARGE O	OMPLEX MATELY 5 SQ MI IN AREA. MINATING FROM 2 INDUSTRIAL AREAS S DETAILED INTERPRETATION. ONE AREA S AT LEAST 4 LARGE COOLING TOWERS. RE PROCESSING PLANT LOCATED AT SW EDGE NUMEROUS COMMUNES.	4118N 12345E	2292	51-8

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5X1			NP	IC/R-1030/62	
	City, Installation	Coordinates	WAC In	stallation Numbers BE NPIC	
	MUKDEN AIRFIELD SW  3.5 NM SW OF MUKDEN.  3.900 X 170 FT NNE/SSW CONCRETE RUNWAY, SERVICEABLE.	4146N 12322E	Ø29Ø	55-E	25
25X1D	DEFENSES ONE 4-GUN AAA POSITION SE OF RUNWAY.  AIRCRAFT NONE.  MUKDEN AIRFIELD SE  2 NM ESE OF OLD WALLED CITY OF MUKDEN, AND ONE NM NW OF HUN RIVER, SE SECTION OF CITY.  APPROXIMATELY 6,850 X 275 FT NE/SW CONCRETE RUNWAY, SERVICEABLE. RAIL-SERVED POL STORAGE AREA WITH 6 BUNKERS SE OF RUNWAY.	4147N 1233ØE	Ø29Ø	55-D	25
25X1D	AIRCRAFT 5 FAGOT/FRESCO, AND ONE BEAGLE.  MUKDEN ORD REPAIR PLT NO 515  2 NM ENE OF MUKDEN RAILROAD STATION.  14 LARGE ASSEMBLY TYPE BUILDINGS, AND NUMEROUS SMALL SHOPS. PLANT AREA PARTIALLY WALLED.	4148N 12326E	Ø29Ø	55 <b>-</b> H	
25X1D	MUKDEN COMPLEX  APPROXIMATELY 625 SQ MI IN AREA. CONTAINS NUMEROUS LIGHT AND HEAVY INDUSTRIES, 3 RAILYARDS, AT LEAST 3 MILITARY ARSENALS, MILITARY DEPOTS, STORAGE AREAS, AND SEVERAL LARGE, AND NUMEROUS SMALL MILITARY BARRACKS	4148N 12327E	0290	55	25
25X1D	AREAS.				

Approved For Release 2003/05/15: CIA-RDP78B04560A000400010038-3 SECRET 25X1 NPIC, R-1030, 62 Installation Numbers Cirj. hara..oria-Caprainates NPI2 MUKDEN, MILITARY AREA 4148N 12327E : Ø29Ø 55-A MILITARY AREA CONSISTING OF 4 MILITARY AIRFIELDS: 3 MILITARY STORAGE DEPOTS WITH APPROXIMATE TOTAL OF 280 BUILDINGS, AT LEAST BARRACKS AREAS WITH APPROXIMATE TOTAL OF 410 BUILDINGS, AND 2 AMMUNITION STORAGE AREAS CONTAINING A TOTAL OF APPROXIMATELY 23 REVETTED BUILDINGS 25X1D 25X1A MUKDEN ARSENAL 92TH 4148% 12329E 2292 55-3 LOCATED IN EAST SECTION OF SHEN-YANG, APPROXIMATELY ONE NM EAST OF OLD WALLED CITY. INSTALLATION CONSISTS OF MAIN ARSENAL AND A SEPARATE SUB-ARSENAL. THE MAIN ARSENAL (41-48N 123-29E) CONTAINS A LARGE FABRICATION ASSEMBLY BUILDING, NUMEROUS LARGE WAREHOUSES, POWER PLANT AND SEVERAL ADMINISTRATIVE AND SUPPORT BUILDINGS, RAIL SERVED. THE SUB-ARSENAL (WEN-KUAN-TUN) IS LOCATED APPROXIMATELY 2.5 NM EAST OF MUKDEN NORTH AIRFIELD AT 41-52N 123-29E. INSTALLATION COVERS APPROXIMATELY 4 SQ MI AND CONTAINS AT LEAST 15 LARGE FABRICATION/ ASSEMBLY BUILDINGS, POWER PLANT, SEVERAL ADMINISTRATIVE BUILDINGS, 24 SCATTERED REVETTED STORAGE BUILDINGS AND APPROXIMATELY 350 WORKERS BARRACKS, RAIL 25X1D 25X1A MUKDEN AIRFIELD WEST 4149N 12318E 2290 55-F 5.5 NM WEST OF MUKDEN. 7,300 X 260 FT NNE/SSW CONCRETE RUNWAY, SECRET

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Approved For Release 2003/05/15: CIA-RDP78B04560A000400010038-3 SECRET NPIC/R-1030/62 <sup>1</sup> 25X1 Installation Numbers WAC Coordinates City, Installation SERVICEABLE. AIRCRAFT -- TOTAL OF 20, INCLUDING 14 FAGOT/FRESCO, ONE CAB, ONE CRATE, ONE CREEK, 2 COLT, AND ONE SINGLE ENGINE UNIDENTIFIED AIRCRAFT. 25X1D 25X1A 4152N 12326E 0290 55-C MUKDEN AIRFIELD NORTH 2 NM NORTH OF MUKDEN. APPROXIMATELY 9,900 X 280 FT N/S CONCRETE RUNWAY. 5 HANGARS AND CONTROL BUILDING SOUTH END OF TAXIWAY. ADJACENT TO TAXIWAY ON EAST SIDE OF RUNWAY AN AIRCRAFT ASSEMBLY PLANT CONTAINING AT LEAST 17 LARGE ASSEMBLY/ FABRICATION BUILDINGS, POWER PLANT, WIND TUNNEL, TEST FIRING REVETMENT, NUMEROUS ADMINISTRATIVE BUILDINGS, BARRACKS, AND STORAGE BUILDINGS. AIRCRAFT -- 5 FARMER, AND ONE COLT. 25X1D 25X1A 0290 36 4152N 12353E FU-SHUN COMPLEX APPROXIMATELY 65 SQ MI IN AREA. EXTENSIVE STORAGE, MINING, RAIL FACILITIES, AND HEAVY INDUSTRY THROUGHOUT COMPLEX. EXTENSIVE EXPANSION IN STORAGE, MINING, AND HOUSING TO NORTH AND SE. 25X1D 36-A 4154N 12347E Ø29Ø FU-SHUN AREA, PROBABLE AMMUNITION STORAGE 5 NM NW OF FU-SHUN. APPROXIMATELY 130 DISPERSED STORAGE BUILDINGS IN AN ISOLATED MOUNTAINOUS AREA. SUPPORT AREA CONSISTING OF 20 BUILDINGS AND APPROXIMATELY 12 MAINTENANCE, UTILITY, AND ADMINISTRATIVE

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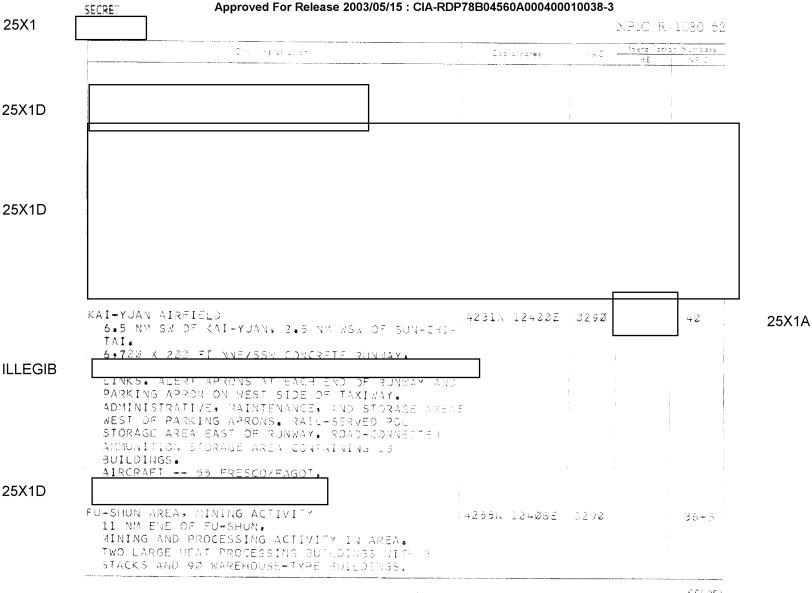
25X1 NPIC R-1030 62 Installation Numbers 2.r- neraliation Copyeinates BUILDINGS IS LOCATED AT THE ENTRANCE. RAIL SPUR CONNECTS FACILITY WITH SHEN-YANG RAIL LINE 2 NM TO SOUTH 25X1D 55-L MUKDEN AREA, PROB STORAGE AREA 4157N 1233ØE 0290 10 NM NE OF SHEN-YANG. AT LEAST 125 WAREHOUSE-TYPE BUILDINGS \* RAIL SERVED. 25X1D TUNG-HUA COMPLEX 4143N 12556E 0290 66 25X1A APPROXIMATELY 15 SQ MI IN AREA. CITY HAS BEEN EXPANDED 5 NM TO NE TO INCLUDE AN INDUSTRIAL AREA AND NUMEROUS COMMUNES. INDUSTRIAL AREA CONTAINS A LARGE THERMAL POWER PLANT, UNIDENTIFIED DISTILLATION PLANT, ROLLING MILL, ORE PROCESSING BUILDING, AND A SMALL RAIL MARSHALLING YARD. LARGE RAIL CLASSIFICATION YARD IS LOCATED ON SW SIDE CHA YTID CLO MIGHTED YAWCIM DRAIRD MUL INDUSTRIAL AREA. 25X1D TUNG-HUA AREA, EXPLOSIVES STORAGE 4148N 12548E 2292 66-C 7 NM NW OF TUNG-HUA. AREA CONTAINS 14 REVETTED EXPLOSIVES STORAGE BUILDINGS SITUATED IN SMALL VALLEY ALONG STREAM BED. SUPPORT AREA CONTAINS 12 BARRACKS-TYPE BUILDINGS. 25X1D IN-CHIANG AREA, RAIL EXTENSION 4148N 12654E | Ø29Ø 86 RAIL EXTENDS NE FROM LIN-CHIANG TO APPROXIMATELY 42-23 1 127-21E. OBLIQUITY PRECLUDES FURTHER INTERPRETATION.

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CECORT

Approved For Release 2003/05/15: CIA-RDP78B04560A000400010038-3 SECRET NPIC/R-1030/62 25X1 Installation Numbers Coordinates WAC City, Installation 25X1D MUKDEN AREA, TRANSFER POINT 42Ø7N 12343E 0290 55-N 26 NM NE OF SHEN-YANG. RAIL TO ROAD TRANSFER POINT. AREA INCLUDES 7 LARGE UNDERGROUND BUNKERS, ONE OTHER POSSIBLE LARGE BUNKER, AND 2 REVETTED BUILDINGS. AREA OVERGROWN AND APPEARS TO HAVE BEEN A LARGE AMMUNITION STORAGE AREA CONTAINING APPROXIMATELY 50 NOW ABANDONED REVETMENTS ON ROAD NETS ADJACENT TO EXISTING FACILITY. ADMINISTRATIVE AREA CONTAINS 5 LARGE ADMINISTRATIVE-TYPE BUILDINGS. RAIL SPUR SERVING FACILITY CONNECTS WITH SHEN-YANG/TIEH-25X1D LING RAIL LINE. MUKDEN AREA, MILITARY STORAGE 42Ø8N 12336E 0290 55-0 18 NM NNW OF SHEN-YANG ALONG SHEN-YANG/TIEH-LING RAIL LINE. SECURED RAIL AND ROAD SERVED MILITARY STORAGE AREA CONTAINING 42 LARGE AND 8 SMALL WAREHOUSE BUILDINGS. 15 BARRACKS-TYPE BUILDINGS ARE LOCATED ADJACENT TO SECURED AREA. OPEN STORAGE INSIDE AND OUTSIDE OF SECURED AREA. 25X1D MUKDEN AREA, PROB MIL STORAGE 421ØN 12347E 0290 55-J 27 NM NE OF SHEN-YANG. 43 DRIVE-BY STORAGE BUILDINGS AT END OF NEWLY EXTENDED RAIL SPUR. BUILDINGS ARE REGULARLY DISPERSED AROUND PERIMETER OF VALLEY. SMALL SUPPORT AREA IS LOCATED AT ENTRANCE TO FACILITY. RAIL SPUR SERVING FACILITY CONNECTS WITH SHEN-YANG/TIEH-LING RAIL LINE. CONSTRUCTION CONTINUES TO NE AND

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L 	City, Installation	Coordinates	WAC	Installation Numb	
25X1D	APPROXIMATELY 300 SMALL STORAGE-TYPE BUILDING IMMEDIATELY SW OF AREA. NUMEROUS HOUSING FACILITIES. RAIL SERVED.  KU-SHAN-TZU AIRFIELD ONE NM SW OF TIAO-YU-TAI. 6,400 X 240 FT NE/SW CONCRETE RUNWAY, SERVICEABLE. PARALLEL TAXIWAY TO SE WITH 4 CROSSOVERS, 2 ALERT AND 2 PARKING APRONS	5 4201N 12544E	0290	41	
25X1D	AND 51 HARDSTANDS. RAIL—SERVED POL WITH 10 COVERED TANKS .5 NM SE OF FIELD.  AIRCRAFT 27 FRESCO.				
25X1D					
	LIU-HO AREA, PROB RADAR SITE 5.5 NM SE OF LIU-HO.	4212N 12548E	0290	47	<b>-</b> B
25X1D	SITE ON HILLTOP. SERVED BY SECOND-CLASS ROAD.  ONE BARRACKS-LIKE BUILDING NEAR SITE. DOES NO APPEAR TO BE OPERATIONAL.				

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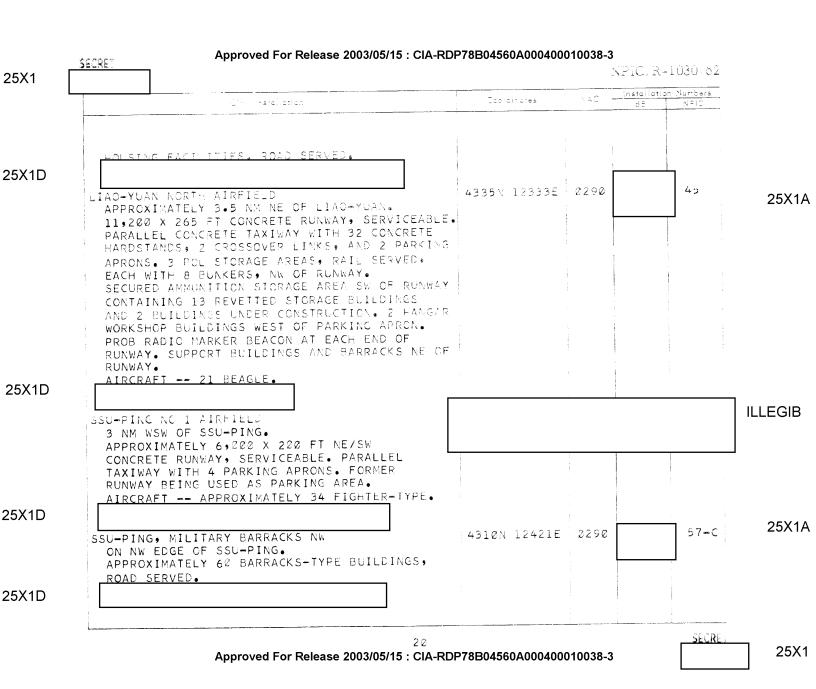
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Cir., Installation	Cocyclastes	1 440	!nsta' =="c 	NPIC NPIC
LIU=HO AIRFIELD  ONE AM SSW OF LIU=HO.  6,402 x 200 FT NE/SW CONCRETE RUNWAY;  SERVICEABLE. PARALLEL TAXIWAY TO SE WITH  4 CROSSOVERS; 2 ALERT AND 2 PARKING APROXS	4216N 12542E	- 229 <b>2</b> -		47
AND 55 PARDSTANDS. RATL-SERVED POL CONSISTING OF 12 EARTH-COVERED TANKS 1.5 NV SE OF FIELD. AIRCRAFT NONE.  PEI-SHAN-CHENG-TZU AIRFIELD ONE NM WSW OF PEI-SHAN-CHEAG-TZU. APPROXIMATELY 4,020 X 330 FT ENE/MSW SGD SURFACE RUAWAY: SERVICEABLE. NIRFIELD APPEARS ABANDONED.	42221 12524E	225%		50
AIRCRAFT ACNE.  ONE NM WEST OF TUAG-FENC. 6,500 X 200 FT WAW/ESE COACRETE RUN'AY, SERVICEABLE. OPERATIONAL LOOP TAXIWAY TO SOUTH WITH 4 CROSSOVERS, 2 ALERT /PRONS; ALC				
CHEN-CHIA-PU-TZU AREA, RAIL EXTENSION RAIL EXTENDS EASTWARD FROM 1.5 NF SOUTH OF CHEN-CHIA-PU-TZU TO AMPROXIMATELY 4211.	1 	୍ଟଟେଟ		g:
127-32E. COLIQUITY EPROLUDES FURTEST INTERPRETATION.				

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25X1 NPIC/R-1030/62 Installation Numbers City, Installation Coordinates WAC HUA-TIEN AREA, OIL REFINERY U/C 4254N 12625E 0290 84-C 15 NM WEST OF HUA-TIEN. 2 SMALL OIL REFINERIES UNDER CONSTRUCTION. SEVERAL BUILDINGS COMPLETED WITH BASES LAID FOR TANKS AND ADDITIONAL BUILDINGS. RAIL LINE UNDER CONSTRUCTION NORTH TO JUNCTION 9.5 NM NW OF HUA-TIEN, WITH NEW SPUR LINE UNDER CONSTRUCTION LEADING NW FROM HUA-TIEN. RAIL LINE AND PIPE LINE UNDER CONSTRUCTION SOUTH AS FAR AS HUI-FA HO. 10 DERRICKS IN AREA. 25X1D HUA-TIEN AREA, NEW RAIL LINE U/C 4256N 12641E 0290 84-B BRANCHES SE FROM YEN-TUNG-SHAN (43-17N 126-00E) AND TERMINATES ON WEST EDGE OF HUA-TIEN AT (42-56N 126-41E). RAIL LINE UNDER CONSTRUCTION. 25X1D HUA-TIEN, PROB SHALE OIL PLANT 4258N 12642E 0290 84 ONE NM NORTH OF HUA-TIEN. INDUSTRIAL PLANT CONTAINING ONE LARGE POL TANK UNDER CONSTRUCTION, ONE UNIDENTIFIED LONG, NARROW STRUCTURE, DISTILLATION FACILITY, AND STORAGE BASINS. 25X1D HUA-TIEN, NE PETROLEUM PLANT NO 9 4258N 12648E 0290 84-A 4.5 NM ENE OF HUA-TIEN. ORE PROCESSING PLANT WITH DISTILLATION FACILITIES, SEVERAL COVERED CONVEYORS, POSSIBLE POWER PLANT, 2 LARGE, 2 MEDIUM, AND AT LEAST 6 SMALL STORAGE TANKS, EXTENSIVE OPEN PIT MINES, LARGE WASTE PILES, AND EXTENSIVE

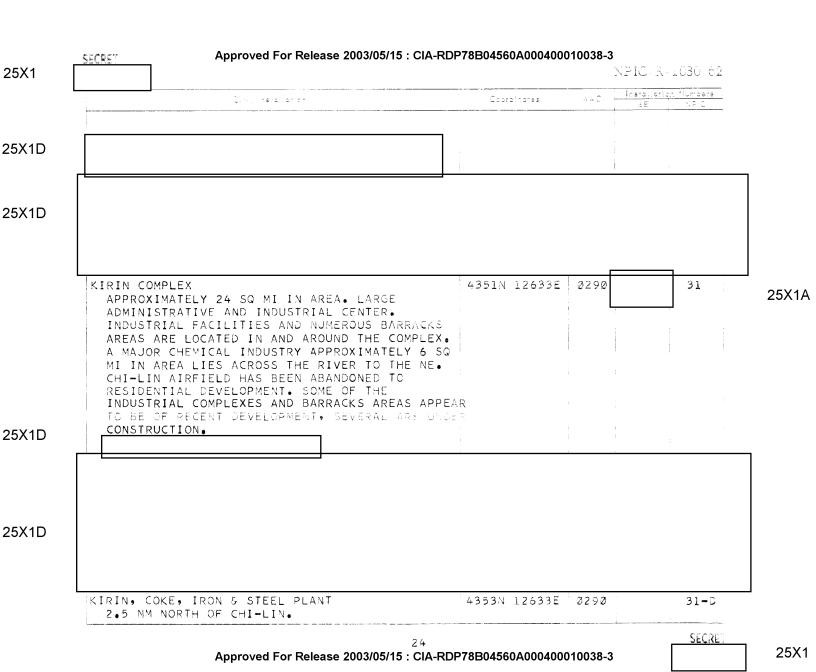


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25X1 _				Installatio	<u>'</u>
	City, Installation	Coordinates	WAC	BE	NPIC
			Г		1
25X1D	SSU-PING COMPLEX APPROXIMATELY 5 SQ MI IN AREA. COMPLEX CONTAINS MILITARY AND TRANSPORTATION FACILITIES. RAIL SERVED. OBLIQUITY PRECLUDES FURTHER INTERPRETATION.	431ØN 12422E	Ø29Ø 		57
25X1D	SSU-PING AIRFIELD 2 6.5 NM WNW OF SSU-PING. APPROXIMATELY 4,300 X 350 FT NNE/SSW CONCRETE RUNWAY, SERVICEABLE. LOOP TAXIWAY CONNECTS ENDS OF RUNWAY TO PARKING APRON EAST OF RUNWAY. SIX HANGARS LOCATED EAST OF PARKING APRON. AIRCRAFT NONE OBSERVED.	4312N 12413E	0290		5 <b>7-</b> 8
25X1D	SSU-PING MILITARY BARRACKS NE  2 NM NE OF SSU-PING.  APPROXIMATELY 80 BARRACKS-TYPE BUILDINGS AND SEVERAL SMALLER ASSOCIATED BUILDINGS. POSSIBLE AMMUNITION STORAGE ON NE EDGE OF BARRACKS AREA.	4312N 12426E	0290		57 <b>-</b> D
	KUNG-CHU-LING AIRFIELD  1.5 .NM NW OF KUNG-CHU-LING.  APPROXIMATELY 7.800 X 270 FT NE/SW CONCRETE RUNWAY, SERVICEABLE. SEVERAL HANGARS UNDER CONSTRUCTION ALONG SW SIDE OF RUNWAY.  MAINTENANCE AND BARRACKS AREA SW OF RUNWAY.  AMMUNITION STORAGE AREA NW OF RUNWAY.  STRAFING RANGE NW OF AIRFIELD.	4332N 12447E	0290		43

25X1A

			- Josta atlan Numbers		
	Curv <sub>i</sub> in stellers on	Copydinates		E NºIC	
AIRCRAFT	18 BEAGLE.				
CHANG-CHUN	AREA, MILITARY TRAINING AREA	4343N 12516E	2292	: 28 <b>≈</b> I	
12 NM SSW	OF CHANG-CHUN. TRAINING AREA, RAIL AND ROAD				
WITH 2 SM	ALL SECURED AMMUNITION STORAG BILLETING AREA, AND 2 UNIDEN	E AREAS,			
HANGAR-TY	PE BUILDINGS WITH ASSOCIATED .	APRONS.			
	WALK OR DRIVEWAYS LEAD FROM A RETE STRIP APPROXIMATELY 500				
			<u> </u>		
	MOTOR VEHICLE PLT F CHANG—CHUN.	4351N 12514E	2292	28-E	
	ERS APPROXIMATELY 4 SQ MI. OF 12 LARGE ASSEMBLY AND		<u> </u>		
ADMINISTR AUXILIARY	ATIVE BUILDINGS AND NUMEROUS SHOPS.				
	EQUIPMENT APPROXIMATELY 15	<u>2                                    </u>			
				<u> </u>	
CHANG-CHUN		4352N 12521E	0290	28 <b>-</b> A	
MAJOR RAI	TELY 20 SQ MI IN AREA. L AND HIGHWAY JUNCTION AND				
	MENT CENTER. THE CHANG—CHUN M Lant is located in Sw Outskir'				
	PLEX CONTAINS NUMEROUS MILITA Ions, including barracks, sup				
AND AMMUN	ITION STORAGE FACILITIES.				

_	City, Installation	Coordinates	WAC	Installation Numbers	
	City, instantanti	Coordinates	"AC	BE NPIC	
	CHANG-CHUN AIRFIELD WEST  2 NM NW OF CHANG-CHUN.  7,500 X 200 FT NE/SW CONCRETE RUNWAY,  SERVICEABLE. SUPPORT AREA AND AMMUNITION STORAGE SE OF RUNWAY.  AIRCRAFT 35 BAT, 2 COLT, AND 3 CREEK	4352N 12521E	0290	28 <b>-</b> B	25X
25X1D	CHANG-CHUN, BARRACKS  3.5 NM EAST OF CHANG-CHUN.  3 ADMINISTRATIVE-TYPE BUILDINGS, APPROX.  50 BARRACKS AND 20 SMALL SUPPORT-TYPE BUILDINGS. SMALL AMMUNITION STORAGE AREA	A ON	0290	28 <b>-</b> F	
25X1D	WEST SIDE OF FACILITY CONTAINS 3 REVETTE BUILDINGS.  CHANG-CHUN, LANDING FIELD 4 NM EAST OF CENTER OF CHANG-CHUN. 1,000 X 3,800 FT E/W SOD LANDING AREA, SERVICEABLE. HANGAR AND PARKING APRON OF	4353N 12524E	Ø29Ø	28 <b>-</b> J	
25X1D	SIDE ONE REVETMENT ON FIELD OF AIRCRAFT ONE CREEK OF TA-FENG-MAN HYDRO POWER PLANT JUST SE OF TA-FENG-MAN.	4343N 12642E	Ø29Ø	58	25X
	LARGE HYDRO-ELECTRIC DAM APPROXIMATELY 3,000 FT IN LENGTH AND 85 FT HIGH (DOWN- SIDE). CONTAINS TRANSFORMER STATION AND GENERATOR BUILDINGS. RAIL SERVED. DEFENSES ONE OCCUPIED FOUR-GUN AAA SI AND ONE OCCUPIED 6-GUN AAA SITE.		<u> </u>		



25X1				Installatio	n Numbers
	City, Installation	Coordinates	WAC	BE	NPIC
	COKE, IRON AND STEEL PLANT CONSISTING OF ONE				
	COKE, IRON AND STEEL PLANT COKE PROCESSING LARGE OPEN-HEARTH BUILDING, COKE PROCESSING AREA WITH QUENCHING TOWERS, AND SEVERAL LARGE ROLLING MILLS. ADJACENT HOUSING AND ADMINISTRATIVE AREA. PLANT APPEARS IN OPERATION.				
25X1D	KIRIN CHEMICAL PLANT	4354N 12635E	Ø29 <b>Ø</b>		31-H
	3 NM NNE OF CHI-LIN.  LARGE PLANT CONTAINING APPROXIMATELY 100 BUILDINGS. LARGE ELECTRIC POWER SUB-STATION NO OF PLANT. HOUSING/ADMINISTRATIVE AREA SOUTH OF	E			
25X1D		4355N 12632E	Ø29 <b>Ø</b>		31-
5X1D	KIRIN AREA, SYNTHETIC FUEL PLANT  6 NM NORTH OF CHI-LIN.  APPROXIMATELY 120 BUILDINGS.  HOUSING/ADMINISTRATIVE AREA EAST OF PLANT.  PLANT APPEARS ACTIVE. RAIL AND ROAD SERVED.				
	KIRIN AREA, PROB EXPLOSIVES STORAGE  6 NM NORTH OF CHI-LIN.  TRIPLE-FENCED AREA CONTAINING PROBABLE EXPLOSIVES PRODUCTION PLANT, 2 LARGE PROCESSING BUILDINGS, AND ASSOCIATED STORAGE	4356N 12634E	Ø29Ø		31-
25X1D	PROCESSING BUILDINGS, AND A REVETTED BUILDINGS FACILITIES CONSISTING OF 3 REVETTED BUILDINGS AND 7 ADMINISTRATIVE BUILDINGS. ASSOCIATED EXPLOSIVES STORAGE AREA, SINGLE-FENCED, ONE NEW CONTAINING 3 REVETTED STORAGE BUILDINGS.		·		
		3953N 12333E	Ø38Ø		2

25X1A

25X1

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NPIC/R-1030/62 City, Installation Installation Numbers Coordinates WAC AIRFIELD APPEARS ABANDONED. ONE OCCUPIED 6-GUN AA SITE IN NORTH CORNER OF FIELD. AIRCRAFT -- NONE. 25X1D KA-CHIA-PA AIRFIELD 3954N 1235ØE Ø38Ø 1 2 NM NE OF TSAO-ERH-SHAN. APPROXIMATELY 7,000 X 200 FT NNW/SSE PROBABLE GRADED EARTH RUNWAY, UNSERVICEABLE. AIRFIELD APPEARS ABANDONED. AIRCRAFT -- NONE 25X1D TA-TUNG-KOU AIRFIELD 3956N 12408E Ø38Ø 3 4 NM NORTH OF TA-TUNG-KOU. APPROXIMATELY 6,500 X 200 FT NNE/SSW CONCRETE RUNWAY, SERVICEABLE. AIRCRAFT -- 29 POSSIBLE FIGHTER-TYPE AIRCRAFT OBSERVED. 25X1D KAO-MI AIRFIELD 3623N 11942E Ø381 28-A 2 NM WNW OF KAO-MI. 6,000 X 200 FT NNW/SSE CONCRETE RUNWAY, SERVICEABLE. PARALLEL TAXIWAY WITH 3 CROSS-OVERS AND 31 HARDSTANDS. PROBABLE BARRACKS AND ADMINISTRATIVE AREA EAST OF RUNWAY. AIRCRAFT -- NONE OBSERVED. 25X1D TSINGTAO SEAPLANE STATION 3602N 12017E Ø381 13-B .7 NM SSW OF TSINGTAO. LANDING AND TAKEOFF AREA IS UNLIMITED. TWO AIRCRAFT RAMPS ABOUT 65 FT WIDE. AIRCRAFT -- 6 MADGE. 25X1D

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25X1

25X1A

26 Approved For Release 2003/05/15 : CIA-RDP78B04560A000400010038-3

25X1				NPIC/R-	-1030/62
	City, Installation	Coordinates	WAC	Installatio BE	n Numbers NPIC
25X1D	TSINGTAO COMPLEX APPROXIMATELY 26 SQ MI IN AREA. LARGE COMMERCIAL PORT CONTAINING LIGHT AND HEAVY INDUSTRIES, MILITARY BARRACKS, AND SUPPLY/STORAGE AREAS. NAVAL BASE AND PORT FACILITIES ARE LOCATED ON WEST EDGE OF COMPLEX.	3604N 12019E	0381		13
	TSINGTAO INNER HARBOR  WNW OF OUTER HARBOR, IN CHIAO-CHOU WAN. INNER HARBCR USED AS SUBMARINE BASE, PETROLEUM TERMINAL, GENERAL AND BULK-CARGO TRANSFER POINT, AND SHIP REPAIR. VESSELS 7 PROBABLE W-CLASS SUBMARINES, 2 PROB S-CLASS. ONE SUB AT FITTING-OUT PIER. AL SUBS APPROXIMATELY 240 FT OVERALL. 3 DESTROYERS (ONE AT FITTING-OUT PIER), ONE PROBABLE DE, 2 T-43, 2 KRONSHTADT PATROL		Ø381		13 <b>-</b> D
25X1D	CRAFT. 4 UNIDENTIFIED NAVAL VESSELS, ONE CARG VESSEL, AND NUMEROUS SMALLER CRAFT.	Ψ 			
	TSINGTAO OUTER HARBOR  EAST AND SE OF TUAN-TAO.  SITE OF NAVAL TRAINING CENTER AND USED FOR SHIP REPAIR AND IDLE MOORING.  VESSELS 12 PROBABLE PT BOATS.	3604N 12019E	Ø381		13 <b>-</b> E
25X1D	TUNG-CHIA-WAN (BAY), GUN EMPLACEMENTS APPROXIMATELY 17 NM NE OF TSINGTAO ON THE YELLOW SEA. FIVE POSSIBLE COASTAL DEFENSE EMPLACEMENTS AT	3606N 12033E	Ø381		72

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25X1A

			i	NPIC/R-1030/62
	City, Installation	Coordinates	WAC	Installation Numbers
	enty, moraniem	Coordinates		BE NPIC
TSING 3 N 6,3	TAO AIRFIELD  M NNE OF TSINGTAO.  MO X 350 FT NW/SE AND 5,500 X 350 FT  SW RUNWAYS, BOTH HARD-SURFACED AND	36Ø9N 12Ø23E	Ø381	13-A
SER AIR 2 B	ING AIRFIELD  NM WSW OF LIU-TING.	3615N 12Ø22E	Ø381	41
SER AT EXT RE- BUN AND	00 X 200 FT N/S CONCRETE RUNWAY, VICEABLE, PARALLEL TAXIWAY, 2 ALERT AF NORTH END OF RUNWAY, PARKING APRON ENDING FROM SOUTH END OF RUNWAY BEING SURFACED, POL AREA WITH 14 EARTH-COVER (ERS JUST WEST OF RUNWAY, 2 LARGE HANG OPERATIONS BUILDINGS EAST OF FIELD, CRAFT 83 FAGOT/FRESCO,	RED		
•5 POS OF SMA ASS	-YANG, PROBABLE CERAMICS INDUSTRY NM NORTH OF CHENG-YANG. SIBLE INDUSTRIAL CERAMICS PLANT CONSIS 3 LARGE MONITOR-ROOFED BUILDINGS, NUME LL BUILDINGS, 25 LARGE BRICK STACKS, A OCIATED STORAGE AND HOUSING FACILITIES	EROUS AND	Ø381	107
2 • 5 APP	-HSIEN AIRFIELD NM NNE OF CHIAO-HSIEN. ROXIMATELY 6,600 X 200 FT NNW/SSE CONC WAY, SERVICEABLE. PARALLEL TAXIWAY.	3619N 12002E	Ø381	9 <b>-</b> B

25X1

25X1A

25X1A

			NPIC/R-	
City, Installation	Coordinates	WAC	Installation BE	Numbers NPIC
AIRCRAFT APPROXIMATELY 41 BEAGLE.  CHI-MO, PROB BARRACKS AREA 4 NM SW OF CHI-MO. PROBABLY SECURED BARRACKS AREA CONTAINING APPROXIMATELY 30 BARRACKS, 3 ADMINISTRATIVE, 10 STORAGE-TYPE BUILDINGS, AND 10 PARKED MOBILE ARTILLERY PIECES.	3623N 12Ø27E	Ø381		7
LAI-YANG AIRFIELD  5.5 NM WSW OF LAI-YANG. APPROXIMATELY 7.000 X 250 FT NW/SE CONCRETE	3658N 12035E	Ø381 <b>[</b>		31 <b>-</b> A
RUNWAY, SERVICEABLE. MAINTENANCE AND ADMINISTRATIVE FACILITIES LOCATED TO NE. TWO UNDERGROUND POL STORAGE AREAS LOCATED ONE NM AND 3 NM SE OF RUNWAY. AIRCRAFT 46 BEAGLE AND ONE COLT.				
WANG-CHUANG AREA, POSS RADIO STATION  1.2 NM NNW OF WANG-CHUANG ON CHAN-SHAN TAO.  ONE SMALL ANTENNA ENCLOSED BY A CIRCULAR SCAR	3755N 12044E	Ø381		105
YEN-TAI AIRFIELD SOUTH  8 NM SOUTH OF YEN-TAI. 6,400 X 200 FT NE/SW CONCRETE RUNWAY, SERVICEABLE. LOOP TAXIWAY ON NW SIDE OF RUNWAWITH 28 REVETTED HARDSTANDS AND 4 CROSSOVER LINKS, READY APRONS AT EITHER END OF FIELD, MAINTENANCE AREA CONTAINING AT LEAST ONE HANGAR LOCATED AT NE EDGE OF FIELD. AIRCRAFT APPROXIMATELY 35 UNIDENTIFIED AIRCRAFT.	3 <b>7</b> 24N 12121E	Ø381 <u>[</u>		8Ø <b>-</b> A

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	City, Installation	Coordinates	WAC	Installati BE	on Numbers
WEN TALL CO	NADI EX	3 <b>7</b> 32N 12124E	Ø381	Total Control of the	8ø
PORT FAC SERVED N	IN AREA.  IN AREA.  ILITIES INCLUDE A MOLE AND A RAIL.  MARGINAL WHARF. WAREHOUSE AREAS.  LIGHT INDUSTRIES. RAIL SERVED.		2301		
	I COMPLEX	3730N 12206E	Ø381	· ·	74
3 NM WES	AN-TAO (ISLAND) AREA, GUN EMPL BT OF TA-CHU-SHAN-TAO ON UNNAMED LED COASTAL GUN EMPLACEMENT.	38Ø1N 12Ø52E	Ø381		11Ø-A
APPROXII	AN TAO, COASTAL GUN EMPLACEMENT MATELY 16 NM NW OF PENG LAI OF POHAI ON TA-CHU-SHAN-TAO ISLANI MED COASTAL GUN EMPLACEMENT.	38Ø1N 12Ø55E	Ø381		110
4.5 NM NUNNAMED	AN TAO (ISLAND), POSS RADAR NW OF CHAN-SHAN TAO (ISLAND) ON ISLAND. TY PRECLUDES INTERPRETATION.	38Ø3N 12Ø38E	Ø381		106
22 NM NO	O (ISLAND), COASTAL GUN EMPLACEMEN' ORTH OF PENG-LAI IN GULF OF POHAI. CED COASTAL GUN EMPLACEMENT.	T 381ØN 12Ø45E	Ø381		111

25X1A

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	City, Installation	Coordinates	WAC	_ Installatio	on Numbers
		Coordinates	"AC	ВE	NPIC
	NAN-HUANG-CHENG TAO (ISLAND), GUN EMPLACEMENTS	3821N 12054E	Ø381		1Ø8
25X1D	33 NM NNE OF PENG LAI IN GULF OF PO HAI. TWO UNOCCUPIED FIELD ARTILLERY POSITIONS AND 4 UNOCCUPIED COASTAL GUN EMPLACEMENTS.				
25X1D	PEI-HUANG-CHENG-TAO (ISLAND), GUN EMPLACEMENT 36 NM NNE OF PENG-LAI. UNOCCUPIED COAST ARTILLERY EMPLACEMENT ON ISLAND.	3823N 12054E	Ø381		109
25/10	PORT ARTHUR AREA; GUN POSITIONS APPROXIMATELY 3 NM ENE OF PORT ARTHUR SEAPLANE BASE. ONE COASTAL DEFENSE EMPLACEMENT AT 38-43N 121-18E. ONE AA GUN POSITION AT 38-50N 121-20E.	3843N 12118E	Ø381		53-1
25X1D	PORT ARTHUR, GUN POSITIONS  APPROXIMATELY 2 NM SW OF PORT ARTHUR SEAPLAND BASE.  4 OCCUPIED AA GUN EMPLACEMENTS AT 38-46N 121-13E. FOUR OCCUPIED COAST ARTILLERY GUN EMPLACEMENTS AT 38-46N 121-14E.	3846N 12113E	Ø381		53~
25X1D	PORT ARTHUR SUBMARINE BASE ONE NM SSW OF PORT ARTHUR ON SOUTH SHORE OF HSI CHIANG. 2 OFFSHORE PIERS, ONE PONTOON PIER, AND ONE FINGER PIER. 10 LARGE BUILDINGS AT LANDING AREA AND AT LEAST 25 BARRACKS/	38 <b>47</b> N 12114E	Ø381		53 <b>-</b> [

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25X1A

25X1

NPIC/R-1030/62 25X1 Installation Numbers WAC Coordinates City, Installation NPIC ADMINISTRATIVE/STORAGE-TYPE BUILDINGS BACK FROM SHORE. INCOMPLETE COVERAGE. VESSELS -- 9 PROBABLE W-CLASS SUBMARINES, AND ONE UNIDENTIFIED VESSEL 25X1D 18-D 3847N 12127E Ø381 DAIREN, MILITARY ACTIVITY 2 NM WSW OF HO KOU. PROBABLE COASTAL DEFENSE POSITION COVERING AREA OF APPROXIMATELY 6 SQ MI AND CONTAINING UNOCCUPIED PROBABLE NEWLY CONSTRUCTED COASTAL DEFENSE POSITIONS, POSSIBLE RADAR, STORAGE BUNKERS, AND RECENT ROAD CONSTRUCTION. ADDITIONAL PROBABLE RADAR SITES LOCATED 4 NM 25X1D TO NORTH. 25X1A 3848N 12116E Ø381 53 PORT ARTHUR COMPLEX APPROXIMATELY 10 SQ MI IN AREA. PREDOMINANTLY PORT AND HARBOR FACILITIES INCLUDING SHIPYARD AND NAVAL BASE, SUBMARINE BASE, AND COMMERCIAL DOCKING AREA. FACILITIES INCLUDE SHIP REPAIR, WAREHOUSES, RAILWAYS, AMMUNITION AND FUEL STORAGE. 25X1D 53~E Ø381 25X1A PORT ARTHUR NAVAL BASE AND SHIPYARD 3848N 12116E HARBOR AREA 95 PERCENT COVERED BY CLOUD-FREE PHOTOGRAPHY. NAVAL BASE AND SHIPYARD ON NE SIDE OF BAY. SHIPYARD CONTAINS LARGE BOAT BASIN WITH GRAVING DOCK, 2 MARINE RAILWAYS, AND FABRICATION AND FITTING-OUT SHOPS. NAVAL

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32

25X1

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BASE FACILITIES INCLUDE HOUSING, WAREHOUSES, POL STORAGE. QUAYS, WHARVES, AND PIERS EXTEND

NORTH TO THE MOUTH OF LUNG HO.

		Coordinates	WAC	Installatio	n Numbers
	City, Installation	Coordinates	WAC	βE	NPIC
	VESSELS ONE DESTROYER, ONE DESTROYER				
	ESCORT, ONE W-CLASS SUBMARINE (IN GRAVING DOCK), 2 PROBABLE T-43, 2 KRONSHTADT				
	SUBCHASERS, 13 PT BOATS, AND NUMEROUS SMALLE	ER			
	CRAFT.				
25X1D					•
	CONTRACTOR CONTRACTOR CONTRACTOR	3851N 12111E	ø381		104
	TA-KOU-CHING, COASTAL GUN EMPLACEMENTS 2 NM SW OF TOWN OF TA-KOU-CHING.	JOSIN IZITIL	וטכש		127
	3 OCCUPIED COASTAL GUN EMPLACEMENTS WITH				
	ASSOCIATED SUPPORT.				
25X1D					
	TA-SAN-SHAN-TAO ISLAND, COAST DEFENSE	3852N 12149E	Ø381		103
	APPROXIMATELY 10 NM SE OF DARIEN LIGHTHOUSE				
	IN CENTER OF TA-LIEN-WAN (BAY).				
	ISLAND CONTAINS AT LEAST 4 COASTAL DEFENSE				
0EV4D	EMPLACEMENTS.				
25X1D					
	DAIREN AREA, PROB RADAR SITE	3853N 12128E	Ø381		18-E
	6 NM WSW OF CENTER OF DAIREN ON HILL.				
25X1D	PROBABLE TOKEN RADAR SITE . ROAD SERVED.				
25X2					
	TU-CHENG-TZU AIRFIELD	3854N 12115E	Ø381		<del>7</del> 7ø
	5 NM NORTH OF PORT ARTHUR.	JUJ :: 4 4444			1
	3 SERVICEABLE RUNWAYS, BUT ONLY NEWEST ONE		[	<u> </u>	┦
	APPEARS TO BE IN USE. PRIMARY, 8,050 X 230 F	FT			
	WNW/ESE CONCRETE, SECONDARY, 8,500 X 180 FT	i			l

25X1A

33 Approved For Release 2003/05/15 : CIA-RDP78B04560A000400010038-3

25X1

NPIC/R-1030/62 Installation Numbers City, Installation Coordinates WAC WNW/ESE CONCRETE/GRADED EARTH, AND THE THIRD, 5,650 X 280 FT N/S CONCRETE. LOOP TAXIWAY, 31 HARDSTANDS, AND A FIRING BUTT, NUMEROUS AIRCRAFT REVETMENTS IN AREA IMMEDIATELY SOUTH OF FIELD. POL STORAGE. 7 LARGE HANGARS NE OF MAIN RUNWAY. BARRACKS AND SUPPORT AREA ONE NM EAST OF MAIN RUNWAY. ONE 4-GUN AA BATTERY .5 NM SE OF PRIMARY RUNWAY. AIRCRAFT -- 40 BEAGLE AND ONE SINGLE ENGINE LIAISON-TYPE. 25X1D DAIREN COMPLEX 3855N 12137E 0381 18 APPROXIMATELY 35 SQ MI IN AREA. SEVERAL HEAVY AND NUMEROUS LIGHT INDUSTRIES, LARGE RAIL YARDS AND REPAIR SHOPS, EXTENSIVE PORT FACILITIES AND NUMEROUS MILITARY BARRACKS AND STORAGE INSTALLATIONS (INCLUDING POL, SUPPLY, AND AMMUNITION) SCATTERED THROUGHOUT AREA. 25X1D DAIREN PORT FACILITIES 3855N 12137E Ø381 18-C PORT AREA CONTAINS APPROXIMATELY 13 PIERS, EXTENSIVE QUAYAGE, NUMEROUS STORAGE BUILDINGS AND OPEN STORAGE. THERE ARE 2 SHIPYARDS CONTAINING 5 DRY DOCKS (4 OCCUPIED BY CARGO SHIPS) SEVERAL MARINE RAILWAYS, AND NUMEROUS REPAIR SHOPS. VESSELS -- APPROXIMATELY 27 SEAGOING MERCHANT SHIPS, ONE POSSIBLE NAVAL VESSEL, AND NUMEROUS SMALL CRAFT. CHOU-SHUI-TZU AIRFIELD 3858N 12133E 0381 14 SOUTH OF CHOU-SHUI-TZU.

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25X1A

25X1D

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25X1

25X1				Installatio	n Numbers
	City, Installation	Coordinates	WAC	BE	NPIC
	3 SERVICEABLE RUNWAYS PRIMARY, 8,500 X 180 FT WNW/ESE, CONCRETE, SECONDARY, ALSO CONCRETE 8,050 X 230 FT NNW/ESE, AND A				
	THIRD, 5,650 X 280 FT NNW/SSE, GRADED EARTH.  14 REVETTED HARDSTANDS. NUMEROUS AIRCRAFT REVETMENTS. 4 HANGARS, ADMINISTRATIVE AREA AND LARGE BARRACKS AREA.  AIRCRAFT 43 FAGOT/FRESCO.	)			
25X1D					
	YING-CHENG-TZU, MILITARY TRAINING AREA ADJACENT TO YING-CHENG TZU AIRFIELD. 8 SQUARE NM AREA CONTAINING EXTENSIVE TRACK ACTIVITY AND 2 MOVABLE TARGET RANGES.	3901N 12121E	0381		81 <b>-</b> A
25X1D	TRACK ACTIVITY AND E				4
	YING-CHENG-TZU AIRFIELD 5 NM NORTH OF YING-CHENG-TZU. 6,600 X 180 FT CONCRETE RUNWAY, SERVICEABLE. PARALLEL TAXIWAY HAS 4 CROSSOVERS, ALERT APRON AT EACH END, AND A PARKING APRON TO SE. ONE LARGE BUNKER .5 NM SE OF THE TAXISTRIP. HOUSING AND ADMINISTRATIVE AREA DIRECTLY ADJACENT TO TAXISTRIP. 27 TRUCKS AND 12 AA GUNS PARKED ON RUNWAY AND TAXIWAY. AIRCRAFT NONE OBSERVED.	39Ø1N 12123E	Ø381		81
25X1D	CHIN-HSIEN (CHIN-CHOU) AIRFIELD SE NO 2  6 NM ESE OF CHIN-HSIEN.  RETURNED TO CULTIVATION.	39Ø3N 12149E	Ø381		10-0
25X1D	CHIN-HSIEN (CHIN-CHOU) AIRFIELD SE NO 1 7 NM SE OF CHIN-HSIEN. 6,300 X 240 FT PROBABLE ASPHALT RUNWAY AND	3904N 12145E	0381		10-E

25X1A

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Approved For Release 2003/05/15: CIA-RDP78B04560A000400010038-3 SECRET 25X1 NPIC/R-1030/62 Installation Numbers City, Installation Coordinates WAC PARALLEL TAXI STRIP WITH 2 CROSSOVERS, SERVICEABLE. APPROXIMATELY 30 BUILDINGS ADJACENT TO PARALLEL TAXIWAY COMPRISE HOUSING AND ADMINISTRATIVE AREA. AIRCRAFT -- NONE OBSERVED. 25X1D CHIN-HSIEN COMPLEX 3906N 12143E 0381 10 25X1A APPROXIMATELY 4 SQ MI IN AREA. LARGE UNIDENTIFIED INDUSTRY, RAIL-SERVED ON SOUTH EDGE OF TOWN. SMALL STEEL MILL ALSO ON 25X1D SOUTH SIDE. THERE ARE NO SIGNS OF PRODUCTION. CHIN-HSIEN, EXPLOSIVES STORAGE DEPOT 3907N 12146E Ø381 1Ø-D APPROXIMATELY 2 NM NE OF CHIN-CHOU. 8 LARGE DISPERSED EXPLOSIVES STORAGE BUILDINGS AND SEVERAL SMALLER STRUCTURES. 25X1D SAN-SHIH-LI-PU AIRFIELD 3917N 12146E 0381 55 25X1A 2 NM NW OF SAN-SHIH-LI-PU. 2 INTERSECTING CONCRETE RUNWAYS EACH WITH A PARALLEL TAXISTRIP AND 4 CROSSOVER LINKS. PRIMARY RUNWAY ORIENTED NW/SE 6,300 X 250 FT WITH A READY RAMP AT EACH END, SECONDARY IS N/S 5,700 X 190 FT WITH READY RAMP AT EACH END. OPERATIONS STRUCTURES INCLUDE ONE LARGE HANGAR, 9 HALF-MOON DOME-TYPE BUILDINGS WHICH COULD BE AIRCRAFT SHELTERS, AND NUMEROUS PARKING REVETMENTS. HOUSING AND ADMINISTRATIVE AREA OF APPROXIMATELY 50 BUILDINGS IS LOCATED NE OF RUNWAY INTERSECTION. AIRCRAFT -- 23 FAGOT/FRESCO. 25X1D

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25X1

Approved For Release 2003/05/15: CIA-RDP78B04560A000400010038-3 **SECRET** NPIC/R-1030/62 25X1 Installation Numbers WAC Coordinates City, Installation NPIC ΒE 54-B Ø381 3919N 12158E PU-LAN-TIEN AIRFIELD SOUTH 4.8 NM SOUTH OF PU-LAN-TIEN. 6,230 X 180 FT NNW/SSE CONCRETE RUNWAY, SERVICEABLE. STORAGE AREA WITH 6 PROBABLE BUNKERS. AIRCRAFT -- NONE . 25X1D 21 394ØN 12146E Ø381 FU-HSIEN AIRFIELD 10.3 NM WNW OF FU-HSIEN. 8,200 X 200 FT NE/SW CONCRETE RUNWAY, SERVICEABLE. PARALLEL TAXIWAY SOUTH OF RUNWAY WITH 4 CROSSOVERS AND READY RAMPS AT EACH END. SECONDARY LOOP TAXIWAYS FARTHER SOUTH HAVE A TOTAL OF 60 REVETTED HARDSTANDS. OPERATIONS AREA ON PARALLEL TAXIWAY HAS 2 HANGARS AND SEVERAL SMALLER ASSOCIATED BUILDINGS. BARRACKS AND ADMINISTRATIVE AREA IS ONE NM SE OF NORTH END OF RUNWAY. AT LEAST 9 REVETTED STORAGE AND 2 LARGER BUILDINGS ARE DISPERSED ALONG A LOOP ROAD ABOUT ONE NM SOUTH OF BARRACKS AREA. UNIDENTIFIED AREA, POSSIBLY STORAGE, LOCATED MIDWAY BETWEEN BARRACKS AND NE END OF THE RUNWAY. AIRCRAFT -- 39 POSSIBLE FAGOT/FRESCO. 25X1D 101 Ø381 391ØN 1222ØE LI-CHANG-SHAN ISLANDS, MILITARY ACTIVITY IN KOREA BAY, APPROXIMATELY 40 NM NE OF DAIREN. 3 FAIRLY LARGE AND SEVERAL SMALLER ISLANDS. AREA CONTAINS NUMEROUS BARRACKS AND STORAGE AREAS. 25X1D

25X1A

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25X1

25X1 NPIC/R-1030/62 Installation Numbers City, Installation Coordinates WAC HUA-CHIA-TUN AIRFIELD 3916N 122Ø5E 0381 25 3.3 NM SE OF HUA-CHIA-TUN. 6,500 X 350 FT N/W CONCRETE RUNWAY, SERVICEABLE. AIRCRAFT -- NONE. 25X1D PU-LAN-TIEN AIRFIELD 3927N 12201E 0381 54-A 5.2 NM NE OF PU-LAN-TIEN RAILROAD STATION. 8,200 X 200 FT NNE/SSW CONCRETE RUNWAY, SERVICEABLE. PARALLEL TAXIWAY WITH 2 HARDSTANDS AT SOUTH END. LOOP TAXIWAY 59 REVETTED HARDSTANDS. 2 HANGARS AND 15 OTHER BUILDINGS EAST OF RUNWAY. 65 ASSOCIATED BARRACKS AND SUPPORT-TYPE BUILDINGS ABOUT 2 NM SOUTH OF RUNWAY. APPROXIMATELY 20 REVETTED EXPLOSIVE STORAGE BUNKERS ARE ABOUT 2 NM EAST OF NORTH END OF RUNWAY. AIRCRAFT -- 22 FAGOT/FRESCO, ONE CRATE, AND 25X1D ONE LIAISON-TYPE. FU-HSIEN COMPLEX 3937N 12200E Ø381 21-A 3 SQ MI IN AREA. 2 LARGE INDUSTRIAL PLANTS, 12-TRACK RAILYARD, AND SHOP AREA. SMALL PLANT IN CENTER OF TOWN. 25X1D CHUANG-HO, MILITARY INSTALLATION 3945N 12256E Ø381 112 4 NM NNW OF CHUANG-HO, AND APPROXIMATELY 62 NM WEST OF KOREAN BORDER. APPROXIMATELY 120 BARRACKS-TYPE, AND 100 MISCELLANEOUS BUILDINGS. 54 ARTILLERY PIECES PARKED IMMEDIATELY BEHIND TRUCK PRIME MOVERS

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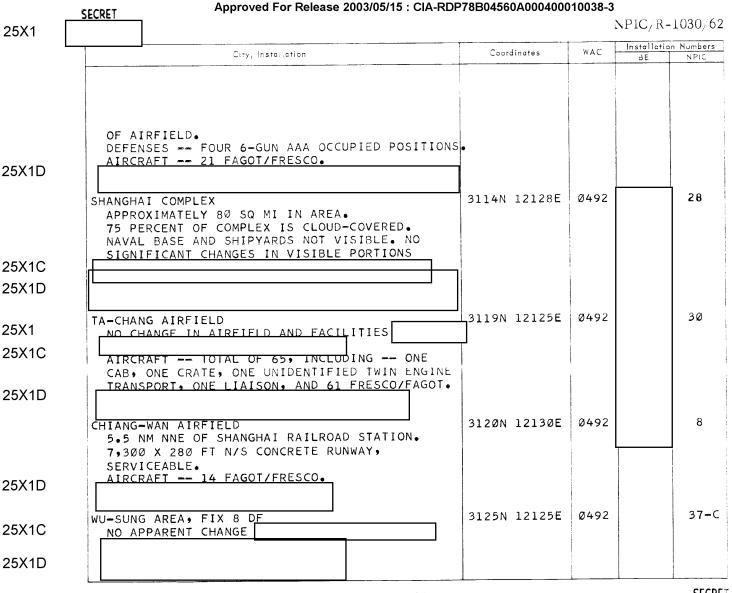
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INCLUDE NINE 4-GUN PROBABLE MEDIUM FA

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	City, Installation	Coordinates	WAC	BE	NPIC	
•						
5X1D	GROUPINGS, AND THREE 6-GUN PROBABLE LIGHT IS GROUPINGS. APPROXIMATELY 70 ADDITIONAL TRUE PARKED THROUGHOUT AREA.					
	FU-HSIEN AREA, EXPLOSIVES STORAGE  14 NM NNE OF FU-HSIEN, ADJACENT TO MUKDEN- DARIEN RAILROAD.  21 EXPLOSIVES STORAGE AND APPROXIMATELY 1Ø ASSOCIATED BUILDINGS IN A VALLEY, 7 CUTS IN HILLSIDE.	3952N 122Ø6E	Ø381		21 <b>-</b> B	
5X1D	TIBLOIDE •					
	SHIH-CHENG-TAO (ISLAND), MILITARY INSTALLATION ISLAND IN KOREA BAY OFF CHINA COAST.  THE ENTIRE ISLAND APPEARS MILITARY IN CHARACTER. CONTAINS A BARRACKS AREA OF APPROXIMATELY 50 BUILDINGS. NUMEROUS GUN EMPLACEMENTS AND TRENCHES.	N 3932N 12300E	Ø381		100	
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	TUNG-HAI AIRFIELD, W  14 NM WEST OF TUNG-HAI.  7,900 X 220 FT NNE/SSW CONCRETE RUNWAY, SERVICEABLE. LISTED IN ASSOTW, VOL 31, SEP AIRCRAFT NONE.	3435N 11852E	Ø386		24-C	25
25X1D	NAME OF THE PARTY	Į				
25X1D	TUNG-HAI COMPLEX IDENTIFICATION ONLY.	3435N 119Ø9E	Ø386		24-B	
	HUNG-CHIAO AIRFIELD  4.6 NM WEST OF SHANGHAI.  7.600 X 230 FT N/S CONCRETE RUNWAY, SERVICEABLE. AMMUNITION STORAGE AREA NNE	3112N 1212ØE	Ø492 <b>[</b>	1	20	25



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BE NPIC Coordinates WAC City, Installation -NORTH KOREA-4006N 12424E 0290 81 SINUIJU COMPLEX IDENTIFICATION ONLY. 25X1D 4009N 12430E 73 0290 UIJU AIRFIELD 4 NM ENE OF AN-TUNG. 6,100 X 230 FT NE/SW CONCRETE RUNWAY, SERVICEABLE. PARALLEL TAXIWAY. AIRCRAFT -- AT LEAST 16 POSSIBLE UNIDENTIFIED AIRCRAFT. 25X1D

25X1A

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SINUIJU COMPLEX

YING-KOU COMPLEX

WEI-HAI-WEI COMPLEX

-NORTH KOREA-

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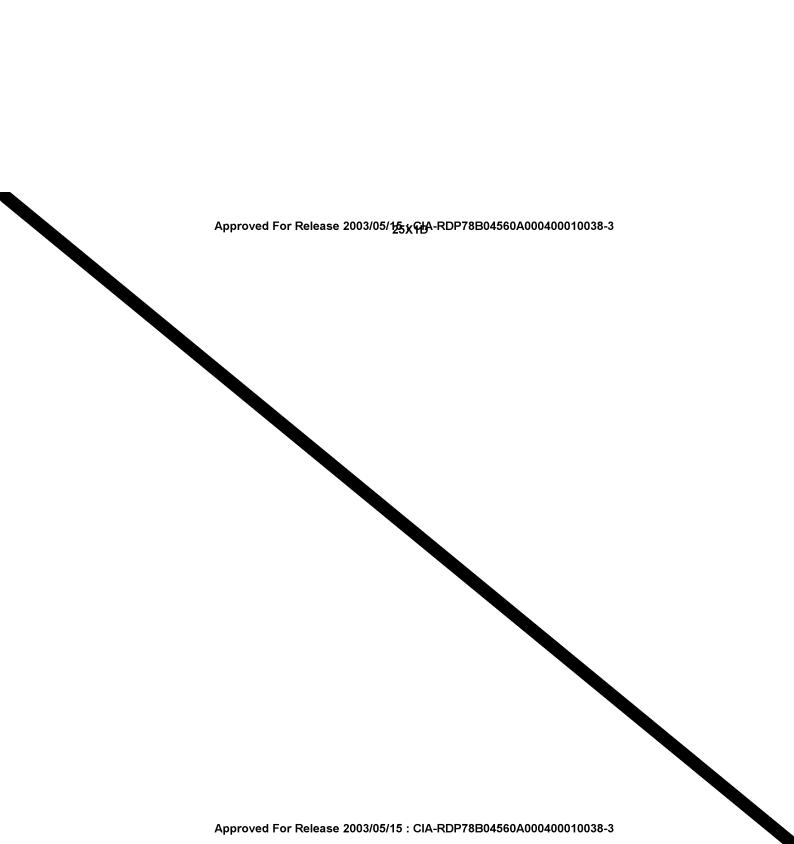
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## APPENDIX EXPLANATION OF COLUMN HEADINGS AND PHOTO REFERENCES

<u>City, Installation</u> -- This column contains the name of the city or town nearest the installation, followed by the name of the installation. If the name of the installation is not known, it is titled according to its function. The city and installation names are followed by a capsule description, where appropriate.

<u>Coordinates</u> -- Coordinates are referenced to the SW corner of the minute square. When the subject installation covers a wide area, coordinates are given for the approximate center of the installation.

 $\underline{\text{WAC}}$  -- This column provides the World Aeronautical Chart number for the area in which the subject installation lies.

Installation Numbers -- The Installation Numbers column is divided into two subcolumns. The first subcolumn lists, when known, the BE installation number assigned to the target. The second subcolumn lists the installation number assigned by NPIC. Installation numbers, when used to reference an item, should be prefixed by the approxiate WAC number, since installation numbers are repeated from WAC to WAC. For example, there is an NPIC target numbered 0289-1 and an NPIC target numbered 0290-1. In each instance, the NPIC installation number is 1, but the installations appear on different WACs.

The photo reference indicates frame(s) on which the target appears, and conditions which affect interpretation of the target.

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